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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Patent Application Transmittal

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop: Patent Application

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: **Miao et al.**  
Entitled: **Group-By Result Size Estimation**

Enclosed are:

- ▶ 17 pages of specifications, claims and abstract
- ▶ 3 sheets of drawings
- ▶ A Declaration and Power of Attorney (6 pages)
- ▶ An Information Disclosure Statement, form PTO-1449, and copies of references

The filing fee has been calculated as follows:

Other Than Small Entity

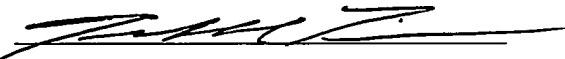
For:	No. Filed	No. Extra	Rate	Fee
Basic Fee				\$770.00
Total Claims	19 -20 =	0	x \$18.00=	\$0.00
Indep. Claims	4 -3 =	1	x \$86.00=	\$86.00
<input type="checkbox"/> Multiple Dependent Claim Presented			\$260.00	\$0.00
			TOTAL	\$856.00

Deposit Account Authorization:

- Please charge Deposit Account No. 501336 in the amount of \$856.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 501336. A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. §1.16.
- Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

By:



Rochelle Lieberman  
Registration No. 39,276

Lieberman & Brandsdorfer, LLC  
12221 McDonald Chapel Drive  
Gaithersburg, MD 20878  
Phone: (301) 948-7775  
Fax: (301) 948-7774  
email: [rocky@legalplanner.com](mailto:rocky@legalplanner.com)

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